

Medium and Heavy Wall Heat Shrink

S3(n)-UBOLT U-bolt Protective Heat Shrink Tube

Introduction

Cross-linked polyolefin, with or without adhesive liner. Suitable for use on U-bolts, providing corrosion resistance and mechanical protection. Easy installation with high processing efficiency. Excellent weather resistance for a long service life.

Features

- Operating temperature: -55 to 105°C
- Minimum fully recovery temperature: 125°C
- Shrink ratio: 3:1 & 4:1
- Halogen-free, RoHS compliant
- Single wall or Dual wall optional
- Standard Color: Black

Dimension

Part No. S3(n)-Ubolt	As supplied(mm)	After recovered (mm)		Standard Length (m/roll)
	Inner diameter D (min.)	Inner diameter d (max.)	Wall thickness t (nom.)	
0750	19	6	2.0	≤25
1100	28	6	2.6	≤25
1300	33	8	2.6	≤25
1500	38	12	2.6	≤25
1700	43	12	2.6	≤25
2050	55	16	2.5	≤25
2750	65	19	2.5	≤25

Technical Data

Property	Test Method	Requirement
Tensile Strength	ASTM D2671	≥ 12MPa
Ultimate Elongation	ASTM D2671	≥ 300%
Heat Aging (136°C/168h)		
Tensile Strength	ASTM D 2671	≥ 10MPa
Ultimate Elongation		≥ 200%
Water absorption (23°C/24h)	ASTM D 2671	≤ 0.5%
Low-temperature flexibility (-55°C/4h)	ASTM D2671	No cracking
Heat shock (200°C/4h)	ASTM D 2671	No cracking, dripping or flowing
Dielectric strength	ASTM D2671	≥ 15 kV/mm
Volume resistivity	ASTM D2671	≥ 1.0 × 10 ¹⁴ Ω · cm

